

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Klaus-Dieter Blumenberg et al.
SERIAL NO: 09/673,944
FILING DATE: October 24, 2000
TITLE: METHOD FOR PRODUCING TRANSPARENT; COLORED
CELLULOSE SLEEVES

DECLARATION

I, Klaus-Dieter Blumenberg, a German citizen resident at Walsrode, Eichenstraße 30, declare the following:

1. that I studied chemistry at the University of Braunschweig and gained a doctor's degree in natural sciences at the Sep. 02 in 1985;

that I have been employed with CaseTech, a company of Wolff Walsrode, the assignee of the above-identified application, since 1988, as a research chemist in the field of Development of cellulosic casings and have mean-while gained more than 5 years' experience in this field;

that I am one of the co-inventors of the above-identified application and am familiar with the Office Action dated July 14, 2003, and

2. that the following example was carried out under my supervision in order to overcome the final rejection in the present case:

Additional Example

The sausage casings were produced in a manner similar to that described in the previous Examples, but here the preparation of the vat dye liquor was carried out using sodium sulfide as reducing agent.

In a sealable container of 60 litres in volume 49.0 kg of a vat dye liquor was prepared as follows:

4.20 kg commercially available dye paste (6971M1 Vocafil
Pallander, supplier: Ari Chemie) containing the vat dye
Red 179, C.I. 71130 and the vat dye Green 1, C.I. 59825 in
a ratio of 20:1. and

14.00 kg water

were weighed out and stirred with a paddle mixer. A solution of

11.20 kg carboxymethyl cellulose 5 wt. % (CRT 30 GA, supplier: Wolff
Walsrode)

was added with stirring. A freshly prepared solution of

0.70 kg sodium hydroxide solution (50 wt.%)

0.35 kg sodium sulfide (60% degree of purity, supplier: Brenntag)

11.55 kg water

was added thereto. The components were gently stirred with a paddle mixer, the rate of rotation being so adjusted that no air bubbles were introduced into the vat dye liquor. After a reaction time of at least 14 hours in the sealed container without movement,

7.00 kg water

was added. This vat dye liquor was mixed continuously in constant ratio with viscose, in a ratio of 14 kg vat dye liquor to 100 kg viscose.

3. I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may

jeopardize the validity of pending Application Ser. No. 09/673,944 or any patent issuing thereon.

Signed in Walsrode, this 28 th day of October, 2003.

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(Klaus-Dieter Blumenberg)